

Abstract

A micro fluid analyzer having a concentrator and separator. A strip continuous through a channel in the concentrator may provide a hot zone that may move with the flow of fluid through 5 the channel of the concentrator to provide a concentration of heat in the flow. A pump may provide a flow to the fluid through the analyzer. Detectors may be positioned at places where the fluid may flow. A processor or controller may be connected to the strip, separator, pump and detectors. The 10 concentrator, separator, detectors and processor may be integrated on one chip.